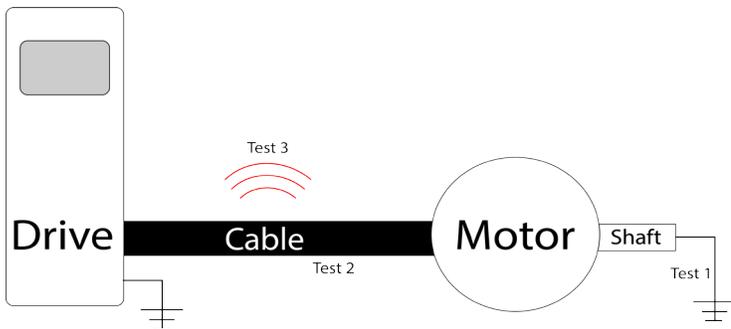


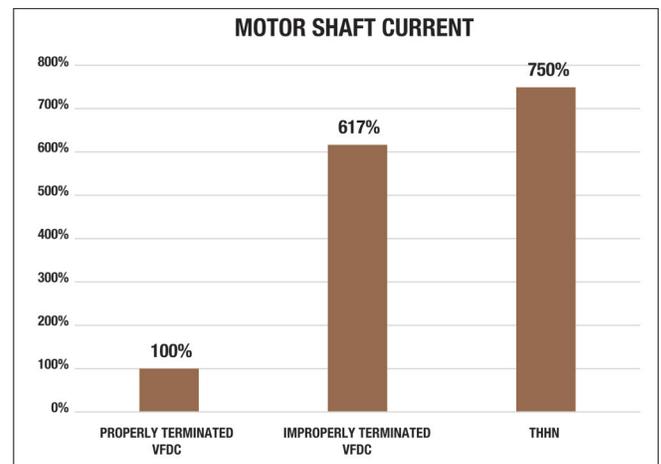
MORE THAN NOISE: WHY VFD CABLES MATTER

Southwire development and application engineers conducted over 2300 advanced tests internally at the company's Cofer Center for Research and Development in Carrollton, GA, and the results are irrefutable. Properly terminated VFD cables outperform standard cables (like THHN) by a significant margin. Also, cables terminated using Southwire's best practices outperform cables that are improperly terminated. The numbers speak for themselves – powering the motor is just not enough! The better termination method you have on your VFD cable, the less likely you are to encounter control malfunction, drive problems or safety concerns.

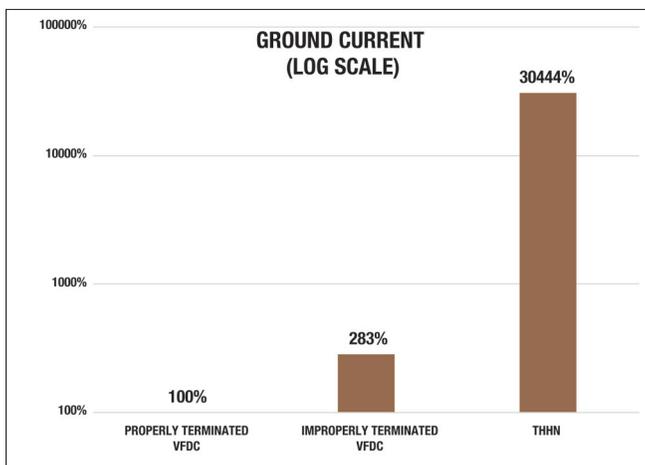
SYSTEM ARCHITECTURE



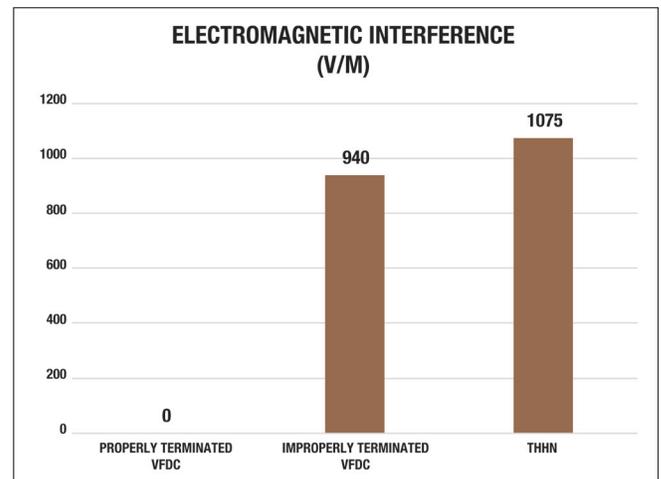
TEST 1



TEST 2



TEST 3





GET THE *FACTS!*

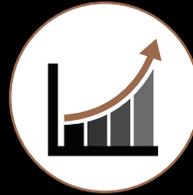
DON'T TAKE THE CHANCE OF SYSTEM DAMAGE AND DOWNTIME.



Safer Installation



Less Maintenance



Better System Performance



Reduced Motor Failure



**✗ WITHOUT
SHIELDED VFD CABLE *YOU RISK***



750% HIGHER SHAFT CURRENTS

Resulting in motor bearing wear and potential for personnel shock hazards (Test 1)



**30,444 % GREATER
GROUND CURRENT SPIKES**

Creating potential for equipment faults (Test 2)

**✓ WITH
SHIELDED AND PROPERLY
TERMINATED VFD CABLE *YOU GAIN***



A HUGE REDUCTION OF EMI
down to 0 V/m – CLEAN operation of plant equipment (Test 3)



SEE OUR COMPLETE
CATALOG OF VFD CABLES
AND TERMINATION KITS

CONTACT US AT FACTORYAUTOMATION@SOUTHWIRE.COM